

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 973 304 A (GRAHAM NEIL B ET AL) 27 November 1990 (1990-11-27) column 6, line 38 - line 61 figure 3	1-18
X	US 4 800 056 A (ECKENHOFF JAMES B ET AL) 24 January 1989 (1989-01-24) column 16, line 27 - line 62 example 2 claims 1,2	1-18
X	US 1 819 549 A (AUGUST FIESSLER) 18 August 1931 (1931-08-18) page 1, column 1, line 37 - column 2, line 90 claim 1 figures 1,2	1-18
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

8 November 2004

Date of mailing of the international search report

24/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hedegaard, A

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 521 637 A (WATERBURY NELSON J) 28 July 1970 (1970-07-28) column 3, line 26 - line 72 figure 2	1-18
A	----- EP 0 577 891 A (CONTROLLED THERAPEUTICS SCOTLA) 12 January 1994 (1994-01-12) the whole document	1-18
A	----- WO 03/020210 A (UMD INC) 13 March 2003 (2003-03-13) the whole document -----	1-18

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007703

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4973304	A	27-11-1990	CA 1257824 A1	25-07-1989
			DE 3580924 D1	31-01-1991
			EP 0153825 A2	04-09-1985
			GB 2153675 A , B	29-08-1985
			JP 1879438 C	07-10-1994
			JP 6002663 B	12-01-1994
			JP 60181015 A	14-09-1985
US 4800056	A	24-01-1989	CA 1252359 A1	11-04-1989
			DE 3509743 A1	26-09-1985
			ES 285534 U	01-04-1986
			ES 285535 U	01-04-1986
			ES 285536 U	01-04-1986
			FR 2561628 A1	27-09-1985
			GB 2155889 A , B	02-10-1985
			IT 1184912 B	28-10-1987
			JP 1037367 B	07-08-1989
			JP 1552147 C	23-03-1990
			JP 60237016 A	25-11-1985
			US 4716031 A	29-12-1987
			US 4678467 A	07-07-1987
			US 4692326 A	08-09-1987
			US 4663149 A	05-05-1987
			US 4663148 A	05-05-1987
			US 4814180 A	21-03-1989
US 1819549	A	18-08-1931	NONE	
US 3521637	A	28-07-1970	AT 285037 B	12-10-1970
			BE 718403 A	31-12-1968
			DE 1807734 A1	14-08-1969
			ES 355744 A1	16-10-1970
			FR 1594763 A	08-06-1970
			IT 986755 B	30-01-1975
			LU 56460 A1	24-10-1968
			NL 6815147 A	30-05-1969
EP 0577891	A	12-01-1994	SE 359735 B	10-09-1973
			GB 2254002 A	30-09-1992
			EP 0577891 A1	12-01-1994
			ES 2120433 T3	01-11-1998
			HK 177796 A	04-10-1996
WO 03020210	A	13-03-2003	US 5269321 A	14-12-1993
			CA 2457526 A1	13-03-2003
			EP 1427366 A2	16-06-2004
			WO 03020210 A2	13-03-2003
			US 2003049302 A1	13-03-2003